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JAN 28 1944
WEATHER BUREAU

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

SEPTEMBER, 1943

J. A. BROWN, DIRECTOR

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Beirut, Syria

SEPTEMBER 1943

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.6	57.2	57.5	57.1	32.1	24.2	27.9	31.6	26.5	28.7
2	8.2	7.6	7.5	7.8	32.5	24.4	28.2	32.1	26.6	29.0
3	7.6	7.4	6.6	7.2	31.4	24.4	27.0	30.1	26.5	27.9
4	7.4	7.4	6.9	7.2	31.8	23.9	27.5	30.6	26.8	28.3
5	7.3	6.8	6.9	7.0	30.8	22.9	27.2	29.0	26.2	27.5
6	57.0	56.5	56.4	56.6	31.8	22.9	26.7	31.3	25.7	27.9
7	7.4	7.0	7.2	7.2	31.9	23.4	26.8	31.6	26.5	28.3
8	7.4	7.1	7.2	7.2	32.3	24.3	26.7	32.2	27.3	28.7
9	9.1	9.3	60.1	9.5	32.0	24.2	27.2	30 6	26.6	28.1
10	9.8	9.0	9.3	9.4	31.4	23.1	26.3	30.9	26.0	27.7
11	58.0	56.8	56.8	57.2	31.2	23.7	25.5	30.7	24.8	27.0
12	6.6	6.3	6.7	6 5	32.2	23.6	27.4	31.4	25.7	28.2
13	6.6	6.7	6.8	6 7	32.0	23.4	26.3	31.4	25.8	27.8
14	7.7	7.7	7.6	7.7	31.4	23.9	26.2	30.3	26.6	27.7
15	9.0	8.9	8.8	8.9	30.6	22.5	25.9	29.1	26.1	27.0
16	59.8	59.7	59.4	59.6	32.2	23.9	24.8	31.2	25.8	27.3
17	8.1	7.4	6.8	7.4	32.1	24.0	26.7	30.7	25.8	27.7
18	5.9	5.2	5.0	5.4	34.1	22.9	26.2	33.6	25.5	28.4
19	9.6	6.8	7.5	8.0	32.0	23.3	25.8	31.2	25.3	27.4
20	7.8	7.2	7.4	7.5	30.1	23.9	25.8	29.3	24.7	26.6
21	57.2	56.8	57.5	57.2	30.6	24.0	25.9	29.5	25.7	27.0
22	8.3	8.5	8.8	8.5	29.1	24.0	26.2	27.6	26.5	26.8
23	9.0	8.3	8.9	8.7	29.8	24.1	25.8	28.3	26.1	26.7
24	8.8	8.2	8.9	8.6	29.6	23.9	26.3	28.3	26.1	26.9
25	8.8	8.2	8.9	8.6	29.8	24.5	26.1	28.3	26.2	26.9
26	58.9	58.0	58.8	58.6	29.6	24.4	25.6	28.4	25.7	26.6
27	8.9	8.0	8.8	8.6	30.0	23.3	25.5	28.7	25.6	26.6
28	9.6	8.9	9.8	9.5	31.0	23.4	26.1	28.2	26.3	26.9
29	9.9	6.2	6.4	7.5	33 2	22.3	25.9	30.1	28.3	28.1
30	7.8	7.6	7.8	7.7	36.8	29.0	32.1	35.7	29.9	32.6
	58.13	57.55	57.76	57.82	31.51	23.85	26.58	30.40	26.24	27.74

Barometer, range for month 755.0 — 760.1 mm.
,, 62-yr. average for month 758. 84 mm.
Thermometer, range for month 22.3° C — 36.8° C.
,, 62-yr. average for month 27.17° C.
Rain, total for month 1.52 mm.
,, , 62-yr. average for month 6.60 mm
,, , total, from Sept. 1st. 1.52 mm.
62-yr. average, total from Sept. 1st. 6.60 mm.

*Summer time

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	19.0	17.7	17.8	18.2	68	51	68	62	11.4	232.0	
2	17.4	18.5	19.7	18.5	61	52	76	63	11.5	280.0	
3	18.4	19.7	18.8	19.0	69	61	73	68	11.4	136.0	
4	18.5	18.0	18.3	18.3	68	55	69	64	11.3	288.0	
5	17.9	18.1	17.1	17.7	67	60	68	65	3.1	312.0	
6	15.2	17.4	18.0	16.9	58	51	73	61	11.1	296.0	
7	16.1	17.7	17.7	17.2	60	50	68	59	10.9	200.0	
8	16.7	20.3	17.2	18.1	64	57	64	62	10.8	216.0	
9	18.6	19.5	17.9	18.7	70	60	69	66	11.3	592.0	
10	17.3	17.9	16.9	17.4	67	53	68	63	11.0	336.0	1.52
11	16.4	17.1	17.3	16.9	67	52	75	65	10.2	160.0	
12	17.1	19.7	20.3	19.0	62	57	82	67	10.0	184.0	
13	17.7	19.6	19.7	19.0	69	57	79	68	10.3	208.0	
14	18.6	18.6	19.5	18.9	73	58	76	69	10.4	416.0	
15	14.1	14.6	18.4	15.7	56	48	73	59	10.7	968.0	
16	12.7	14.8	15.8	14.4	55	43	63	54	10.3	456.0	
17	15.0	17.9	18.1	17.0	57	54	73	61	10.3	288.0	
18	18.3	17.2	18.6	18.0	72	43	76	64	10.2	192.0	
19	18.1	18.1	18.5	18.2	73	61	87	74	10.1	152.0	
20	20.5	17.8	20.6	19.6	83	65	89	79	9.8	128.0	
21	19.3	19.6	19.7	19.5	78	62	80	73	9.6	136.0	
22	19.2	19.4	19.5	19.4	76	71	76	74	1.8	200.0	
23	18.8	19.6	19.0	19.1	75	68	75	73	8.7	208.0	
24	18.8	19.4	19.1	19.1	74	68	75	72	9.5	344.0	
25	19.1	19.1	18.6	18.9	75	67	74	72	9.7	320.0	
26	19.6	17.2	19.2	18.7	80	59	78	72	9.6	256.0	
27	19.4	17.7	19.1	18.7	80	60	78	73	9.8	192.0	
28	20.0	21.6	21.2	20.9	80	76	83	80	7.8	296.0	
29	20.0	18.8	18.6	19.1	80	59	65	68	9.5	264.0	
30	13.7	16.2	17.3	15.7	38	36	56	43	9.5	272.0	
	17.71	18.29	18.38	18.19	68.5	57.1	73.6	66.4	9.72	284.26	0.05

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1cu	1cu	1cu	1.0	1nw	1nw	0	calm	
2	0	0	1cu	0.3	1sw	1sw	0	„	
3	1cu	1cu	0	0.7	0	1nw	0	„	
4	6cu	3cu	8cu	5.7	0	1nw	1nw	light	
5	8cu	10cu	10cu	9.3	0	2sw	0	calm	
6	0	0	0	0.0	1ne	1nw	0	calm	
7	1cu	2cu	10cu	4.3	1ne	2sw	0	„	
8	0	0	0	0.0	1nw	2nw	1nw	„	
9	0	1cu	5cu	2.0	1sw	2sw	1sw	light	
10	1cu	1cu	5cu	2.3	1sw	1sw	0	calm	Tr. P.M.
11	0	1cu	1cu	0.7	1nw	1w	0	light	
12	1cu	1cu	1cu	1.0	0	2sw	0	calm	
13	0	2cu	0	0.7	0	2nw	0	„	
14	0	0	0	0.0	0	2nw	1ne	„	
15	0	0	0	0.0	2ne	4ne	4ne	mod	w. at night
16	0	0	0	0.0	0	2ne	1ne	light	
17	0	0	0	0.0	2ne	1n	0	„	
18	5ci-cu	1ci-cu	0	2.0	1n	2w	0	calm	
19	0	0	0	0.0	0	2sw	0	„	
20	5cu	1cu	0	2.0	0	1nw	0	„	
21	6cu	4cu	0	3.3	0	1nw	0	calm	
22	8cu	10cu	10cu	9.3	1w	1sw	1sw	„	
23	0	9cu	0	3.0	1ne	2n	1n	light	
24	0	0	0	0.0	2ne	2ne	1ne	„	
25	0	0	0	0.0	1ne	2ne	2ne	„	
26	0	0	0	0.0	1nw	1nw	1nw	calm	
27	0	0	0	0.0	1n	1n	1nw	„	
28	10cu	0	5cu	5.0	1ne	1ne	2ne	slight	
29	0	3cu	0	1.0	2se	1se	1se	light	Tr. P.M. & Sirocco
30	0	0	0	0.0	1e	1ne	1ne	calm	at night.
				1.78					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	2	8	1	1	0	3	1	4	10	30
14:30	3	6	0	1	0	8	2	10	0	30
20:30	1	7	0	1	0	2	0	4	15	30
Totals	6	21	1	3	0	13	3	18	25	90

Number of days with rain 1, fog 0, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 1.2 days